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Substitute for form 1449/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/589,890
Date Submitted: April 2, 2009 <i>(use as many sheets as necessary)</i>				Filing Date	02/10/2005
				First Named Inventor	Masanori NAKAMURA
				Art Unit	1793
				Examiner Name	Cam N. Nguyen
Sheet	1	of	6	Attorney Docket Number	040302-0582

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A1	US-2001/0004832-A1	06-28-2001	HANAKI ET AL.		
A2	US-2001/0006934-A1	07-05-2001	KACHI ET AL.		
A3	US-2001/0021358-A1	09-13-2001	KIKUCHI ET AL.		
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A5	US-2003/0004054-A1	01-02-2003	ITO ET AL.		
A6	US-2003/0083193-A1	05-01-2003	TAKAYA ET AL.		
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A8	US-2003/0181316-A1	09-25-2003	HIRAMOTO ET AL.		
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A11	US-2005/0170958-A1	08-04-2005	KIKUCHI ET AL.		
A12	US-2005/0215429-A1	09-29-2005	WAKAMATSU ET AL.		
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				Attorney Docket Number	040302-0582

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	Document Number		
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				Art Unit	1793
				Examiner Name	Cam N. Nguyen
				Attorney Docket Number	040302-0582

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		Document Number	
			AL.
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A92	US-6,896,857-B2	05-24-2005	NAKAMURA ET AL.
A93	US-6,926,875-B2	08-09-2005	HATANAKA ET AL.
A94	US-7,029,514-B1	04-18-2006	YANG ET AL.
A95	US-7,081,431-B2	07-25-2006	YAMASHITA ET AL.
A96	US-7,150,861-B2	12-19-2006	MORITA ET AL.
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UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code <sup>2</sup> (if known)			
A98	11/722275		06-20-2007	NAKAMURA ET AL.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
A99	JP-09-122492-A		05-13-1997	NISSAN MOTOR CO., LTD.	
A100	JP-10-216517-A		08-18-1998	TOYOTA MOTOR CORP.	
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A102	JP-2000-001119-A		01-07-2000	CALSONIC CORP.	
A103	JP-2000-015098-A		01-18-2000	JAPAN SCIENCE & TECHNOLOGY CORP., ET AL.	
A104	JP-2000-042411-A		02-15-2000	TOYOTA MOTOR CORP., ET AL.	

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FOREIGN PATENT DOCUMENTS					
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	A105	JP-2000-279824-A	10-10-2000	TANAKA PRECIOUS METAL IND., ET AL.	Abst.
	A106	JP-2000-296339-A	10-24-2000	TOYOTA MOTOR CORP.	Abst.
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	A110	JP-2003-126694-A	05-07-2003	TOYOTA MOTOR CORP.	Abst.
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	A127	JP-58-186441-A	10-31-1983	ENGELHARD CORP.	
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## NON PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
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	A144	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 05-08-2008, 6 pgs.	
	A145	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 07-28-2008, 18 pgs.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	10/589,890
Date Submitted: April 2, 2009 <i>(use as many sheets as necessary)</i>				<b>Filing Date</b>	02/10/2005
				<b>First Named Inventor</b>	Masanori NAKAMURA
				<b>Art Unit</b>	1793
				<b>Examiner Name</b>	Cam N. Nguyen
Sheet	6	of	6	Attorney Docket Number	040302-0582

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A146	M. CHE et al., "A Study of the Chemisorption of Nitric Oxide on PdY Zeolite, Evidence for a Room Temperature Oxidative Dissolution of Pd Crystallities," The Journal of Physical Chemistry, Vol. 60, No. 21, 1976, 11 pgs.		T <sup>6</sup>
	A147	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 08-06-2008, 5 pgs.		
	A148	M. NAKAMURA et al., US PTO Office Action 10/584,243, dated 12-26-2008, 24 pgs.		
	A149	PH. BUFFAT AND J-P BOREL, "Size effect on the melting temperature of gold particles," Physical Review A, June 1976, Vol. 13, No. 6, 12 pgs.		
	A150	R. WILLIS, "PUMICE, Porous Volcanic Rock," Online, XP002364316, URL: <a href="http://ceramic-materials.com/cermat/material/2009.html">http://ceramic-materials.com/cermat/material/2009.html</a> >.		
	A151	S. ERIKSSON, et al., "Preparation of Catalysts from Microemulsions and Their Applications in Heterogeneous Catalysis," Applied Catalysis A: General, Vol. 265, No. 2, July 8, 2004, pp. 207-219.		
	A152	T. Kinoshita et al., "Magnetic evaluation of nanostructure of gold-iron composite particles synthesized by a reverse micelle method," Journal of Alloys and Compounds, Vol. 359, No. 1-2, Sept. 22, 2003, pages 46-50.		
	A153	W.Y. Kim et al., "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion," Applied Catalysis A: General, Vol. 169, 1998, pages 157-164.		

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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